

File No. M-21012/12/2022-TECH
Government of India
Cabinet Secretariat
National Authority Chemical Weapons Convention

1st Floor, Chanakya Bhawan, Chanakyapuri,
New Delhi, dated 9th June, 2022.

OFFICE MEMORANDUM

Subject: Invitation to apply for Two Research Fellowships in Analytical Chemistry Skills Development to be held at the Verifin Laboratory, Finland from 2022 to 2023 – regarding.

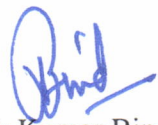
Please find enclosed copy of the Technical Secretariat (TS) Note No. S/2064/2022 dated 02nd June 2022, received from the TS, Organization for the Prohibition of Chemical Weapons (OPCW), seeking nominations on the above-mentioned subject.

2. The NACWC being the national focal point seeks nominations of suitable, qualified and experienced Analytical Chemist(s) of appropriate laboratories along with relevant documents, following the 'Revised Guidelines for the OPCW sponsored events' issued by NACWC. The same may please be sent to this office latest by 19th June, 2022 through online portal – OPCW Training Management System (<https://training.nacwc.gov.in/Login.aspx>).

3. The Head of the concerned Department/Organization may also certify that the applicant is clear from vigilance angle and no departmental proceeding against the nominee is contemplated or inquired into. Further, it may also please be ensured that nominated individuals have good command of English, both written and oral.

4. Applicant(s) who have already participated in the similar previous programme(s) may not be considered for the course. After attending the course, nominated individuals shall be expected to make a report and a brief presentation to the National Authority.

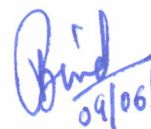
Enclosure: As above.


(Dr. Vimlesh Kumar Bind)
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Email: vimlesh.bind@gov.in

To,

1. The Chairman, Defence Research & Development Organization, DRDO Bhawan, Rajaji Marg, Vijay Chowk Area, Central Secretariat, New Delhi – 110004.
2. The Director General, CSIR & Secretary DSIR, Council of Scientific and Industrial Research, Anusandhan Bhawan, 2 Rafi Ahmed Kidwai Marg, New Delhi – 110 001.
3. The Director General, Indian Council of Agricultural Research (ICAR), Krishi Bhawan, Raisina Road, Opposite Rail Bhawan, New Delhi – 110001.
4. The Vice Chancellor, Harcourt Butler Technical University, Nawabganj, Kanpur,

- Uttar Pradesh – 208 002.
5. The Director, Indian Institute of Technology - Gandhinagar, Palaj, Gandhinagar, Gujarat – 382355.
 6. The Director, Indian Institute of Technology - Guwahati, Surjyamukhi Road, North, Amingaon, Guwahati, Assam – 781039.
 7. The Director, Indian Institute of Technology - Hyderabad, IITH Road, Near NH-65, Sangareddy, Kandi, Telangana - 502285.
 8. The Director, Indian Institute of Technology - Indore, Khandwa Rd, Simrol, Madhya Pradesh - 453552.
 9. The Director, Indian Institute of Technology - Jodhpur, NH 62, Surpura Bypass Rd, Karwar, Rajasthan – 342030.
 10. The Director, Indian Institute of Technology - Kanpur, Kalyanpur, Kanpur, Uttar Pradesh – 208016.
 11. The Director, Indian Institute of Technology - Kharagpur, Kharagpur, West Bengal – 721302.
 12. The Director, Indian Institute of Technology - Madras, Indian Institute Of Technology, Chennai, Tamil Nadu – 600036.
 13. The Director, Indian Institute of Technology - Mandi, Parashar Road, Tehsil Sadar, Near Kataula, Kamand, Himachal Pradesh – 175005.
 14. The Director, Indian Institute of Technology - Patna, Indian Institute of Technology Patna, Bihta, Patna, Bihar – 801103.
 15. The Director, Indian Institute of Technology - Roorkee, Roorkee - Haridwar Highway, Roorkee, Uttarakhand – 247667.
 16. The Director, Indian Institute of Technology - (BHU) Varanasi, Uttar Pradesh – 221005.
 17. The Director, Indian Institute of Science (IISc), CV Raman Rd, Bengaluru, Karnataka – 560012.
 18. The Director, Indian Institute of Technology - Bhubaneswar, Argul - Jatni Rd, Kansapada, Odisha – 752050.
 19. The Director, Defence Research & Development Establishment (DRDE), Jhansi Road, Gwalior-474 002, Old Campus: Tansen Rd., Gwalior - 474 002.
 20. The Director, Indian Institute of Chemical Technology (IICT), Uppal Rd, IICT Colony, Tarnaka, Hyderabad, Telangana – 500007.
 21. The Director, Institute of Pesticide Formulation Technology (IPFT), HSIDC, Sector 20, Udyog Vihar Opposite Ambience Mall, Gurugram – 122016.
 22. The Director, National Chemical Laboratory, Dr. Homi Bhabha Road, Pune, Maharashtra - 411 008.
 23. The Director, Indian Institute of Technology - Bombay, Main Gate Rd, IIT Area, Powai, Mumbai, Maharashtra 400076
 24. The Director, Indian Institute of Technology - Delhi, IIT Delhi Main Rd, IIT Campus, Hauz Khas, New Delhi, Delhi – 110016.
 25. The Director, CSIR – North East Institute of Science & Technology (Formerly Regional Research Laboratory), Jorhat, Assam – 785006.
 26. The Director, CSIR – Indian Institute of Petroleum, Mohkampur, Dehradun, Uttarakhand – 248005.


09/06/2022



S/2064/2022

2 June 2022

ENGLISH only

NOTE BY THE TECHNICAL SECRETARIAT**INVITATION TO APPLY FOR TWO RESEARCH FELLOWSHIPS
IN ANALYTICAL CHEMISTRY SKILLS DEVELOPMENT TO BE HELD
AT THE VERIFIN LABORATORY, FINLAND, FROM 2022 TO 2023****Purpose of the fellowships**

1. The Technical Secretariat (hereinafter “the Secretariat”) of the Organisation for the Prohibition of Chemical Weapons (OPCW) wishes to invite Member States to nominate two participants for research fellowships “NMR¹ Specialist” and “Synthetic Chemist” for analytical and organic chemistry skills development at the Laboratory of the Finnish Institute for Verification of the Chemical Weapons Convention (VERIFIN) in Finland from 2022 to 2023.

Description of the fellowships

2. The programme is organised by VERIFIN and is designed for chemists with relevant practical and theoretical experience in analytical chemistry/bioanalysis or synthetic chemistry. For the first research fellow (“NMR Specialist”), practical experience in analytical chemistry, including sample preparation, as well as a theoretical understanding of nuclear magnetic resonance spectroscopy and information technology, is an essential prerequisite. For the second research fellow (“Synthetic Chemist”), practical experience in organic synthesis and gas chromatography, as well as a theoretical understanding of organic reactions, is an essential prerequisite. The selected research fellows must be prepared to work independently on a designated project. Although VERIFIN will propose the specific focus of the project, candidates may indicate their own areas of interest.
3. During the practical laboratory component, the first research fellow (“NMR Specialist”) will receive training on sample preparation and analysis methods of compounds related to chemical weapons agents, their precursors, degradation products (including metabolites), and by-products of scheduled chemicals, as well as on the identification and confirmation of such compounds, mainly by nuclear magnetic resonance spectroscopy. The second research fellow (“Synthetic Chemist”) will receive training on synthetic methods and purification of compounds related to precursors, degradation products, and by-products of scheduled chemicals (with special emphasis on synthesis), as well as on the identification and confirmation of such compounds, mainly by gas and/or liquid chromatography and nuclear magnetic resonance spectroscopy. The programme will also include the aspects of quality assurance.

¹ NMR = nuclear magnetic resonance spectroscopy.



Time and duration

4. The fellowships will be for a duration of six months, starting in the autumn of 2022. The exact date of commencement of the fellowships will be mutually agreed upon by the selected research fellows and VERIFIN.

Selection of the candidates

5. Two candidates will be selected for the fellowships offered under this programme in two phases. The pre-selection of the candidates will be made before 4 July 2022. The final selection by the OPCW will be made before 22 July 2022. Only successful candidates will be informed by the OPCW.

Financial assistance

6. VERIFIN will provide tutors, equipment, and infrastructure free of charge. The accommodation, daily allowances, travel costs, and medical insurance will be borne by the OPCW.
7. In this context, it should be mentioned that VERIFIN will pre-select at least four candidates for the fellowships, whose applications will be forwarded to the International Cooperation and Assistance Division of the OPCW. The Director-General will select the research fellows to be supported by the OPCW, based on the recommendation of the Review Committee. Applications shall comply with the requirements of the OPCW Fellowship Programme, details of which are available on the OPCW website (www.opcw.org).

Eligibility

8. The fellowship positions are open to citizens of the Member States of the OPCW (a list of which is available on the OPCW website) that are developing countries or countries with economies in transition. It is intended for relatively young chemists with an academic background and laboratory experience as indicated earlier. The candidate should have practical experience with computers and basic software. A good working knowledge of English is a prerequisite. Female candidates are encouraged to apply.

Application procedure

9. Interested candidates should submit their applications on plain paper and should attach the following:
 - (a) an up-to-date curriculum vitae;
 - (b) an essay (not exceeding 300 words) outlining the objectives the candidate wishes to achieve and the type of work experience he or she hopes to acquire during the period of the fellowship;
 - (c) a letter of recommendation from the supervisor of the candidate at the institution where he or she is currently working, indicating how the training will be of benefit to the candidate's present position, institution, and country;

- (d) a completed OPCW Fellowship Programme application form (attached as the Annex to this Note); and
- (e) a copy of the candidate's valid national passport.
10. Applications without valid contact information (including mailing address, fax number, and email address) will not be considered. Applications should be received by VERIFIN **by 24 June 2022**. Incomplete applications or those received after the deadline will not be considered. The applicant should also clearly indicate which fellowship programme he/she prefers ("NMR Specialist" or "Synthetic Chemist"). Applications should be sent to the following address:
- Applications for "NMR Specialist":
Harri Heikkinen
VERIFIN
Department of Chemistry
P.O. Box 55
FI-00014 University of Helsinki, Finland
Email: Harri.A.Heikkinen@helsinki.fi
Fax: +358 2941 50437
- Applications for "Synthetic Chemist":
Harri Kiljunen
VERIFIN
Department of Chemistry
P.O. Box 55
FI-00014 University of Helsinki, Finland
Email: Harri.Kiljunen@helsinki.fi
Fax: +358 2941 50437
11. A copy of the completed OPCW Fellowship Programme application form (annexed to Note S/1279/2015*, dated 21 May 2015) should be sent to the respective National Authority to the OPCW, which is requested to endorse the application and forward it to the Director, International Cooperation and Assistance Division, International Cooperation Branch, OPCW, Johan de Wittlaan 32, 2517 JR The Hague, the Netherlands. Nominations may also be submitted by email to icb.events@opcw.org. Additionally, the already endorsed application form should also be submitted directly to VERIFIN.
12. Additional information about this programme may be obtained from Harri Kiljunen at Harri.Kiljunen@helsinki.fi.

Annex: Fellowship Programme Application Form

Annex**FELLOWSHIP PROGRAMME APPLICATION FORM**

The applicant should complete sections 1 – 3 of this form, arrange for the endorsements by the home institution in section 4, and then send the form by **email or fax directly to VERIFIN** and a copy to the respective **National Authority** with a request to complete section 5.

The respective National Authority should then forward the completed form to the International Cooperation and Assistance Division, OPCW, **by email to icb.events@opcw.org** (directly or through the relevant Permanent Representation). The endorsed application should be received by the OPCW and VERIFIN **no later than 24 June 2022**.

Please type or use BLOCK LETTERS

1. PERSONAL INFORMATION			
Family name*			
First name(s)*			
Date of birth	Day	Month	Year
Nationality			
Address (home)	Street		
	Number	Postcode	
	City		
	Country		
Address (work)	Street		
	Number	Postcode	
	City		
	Country		
Telephone and fax numbers, including country and city codes	Home		
	Work		
	Mobile		
	Fax		
Email address	Home		
	Work		
Passport number			
Date of issue	Day	Month	Year
Date of expiry	Day	Month	Year
Place of issue			

*

Please give the first and family names exactly as they appear in the nominee's passport.

[illegible]

List the most significant publications with titles (do not attach copies):	
Have you received financial or other support from the OPCW for any activity during the past 36 months?	☐ Yes ☐ No If “yes”, please give details
Have you applied for any other support from the OPCW?	☐ Yes ☐ No If “yes”, please give details
Bank details (candidate)	
Account number	
Bank name, branch, and address	
IBAN	
SWIFT code	
2. SUPPORTING DOCUMENTATION	
Please attach a separate copy of your detailed fellowship proposal, including background, research and training objectives, work plan, and timelines.	
Applications will not be accepted without both of the following:	
(a) ☐ Yes ☐ No	letter from the candidate’s present home institution confirming that he/she will be granted leave to undertake the fellowship; and
(b) ☐ Yes ☐ No	photocopies of relevant pages from the candidate’s valid passport and updated curriculum vitae.
3. SIGNATURE OF THE CANDIDATE	
_____ Date: _____	
4. SIGNATURE OF THE HEAD OF THE CANDIDATE’S HOME INSTITUTION/ LABORATORY	
_____ Date: _____	

5. COMMENTS/RECOMMENDATION BY THE NATIONAL AUTHORITY OR PERMANENT REPRESENTATION TO THE OPCW